

Data File : BN008618.D
Acq On : 18 Nov 2019 23:44
Operator : JU
Sample : K5678-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMA1MSD

Quant Time: Nov 19 01:52:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3700	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	7759	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.00
16) Chrysene-d12	21.19	240	11712	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	12375	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4855	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10291	0.00	ng/ul	0.00

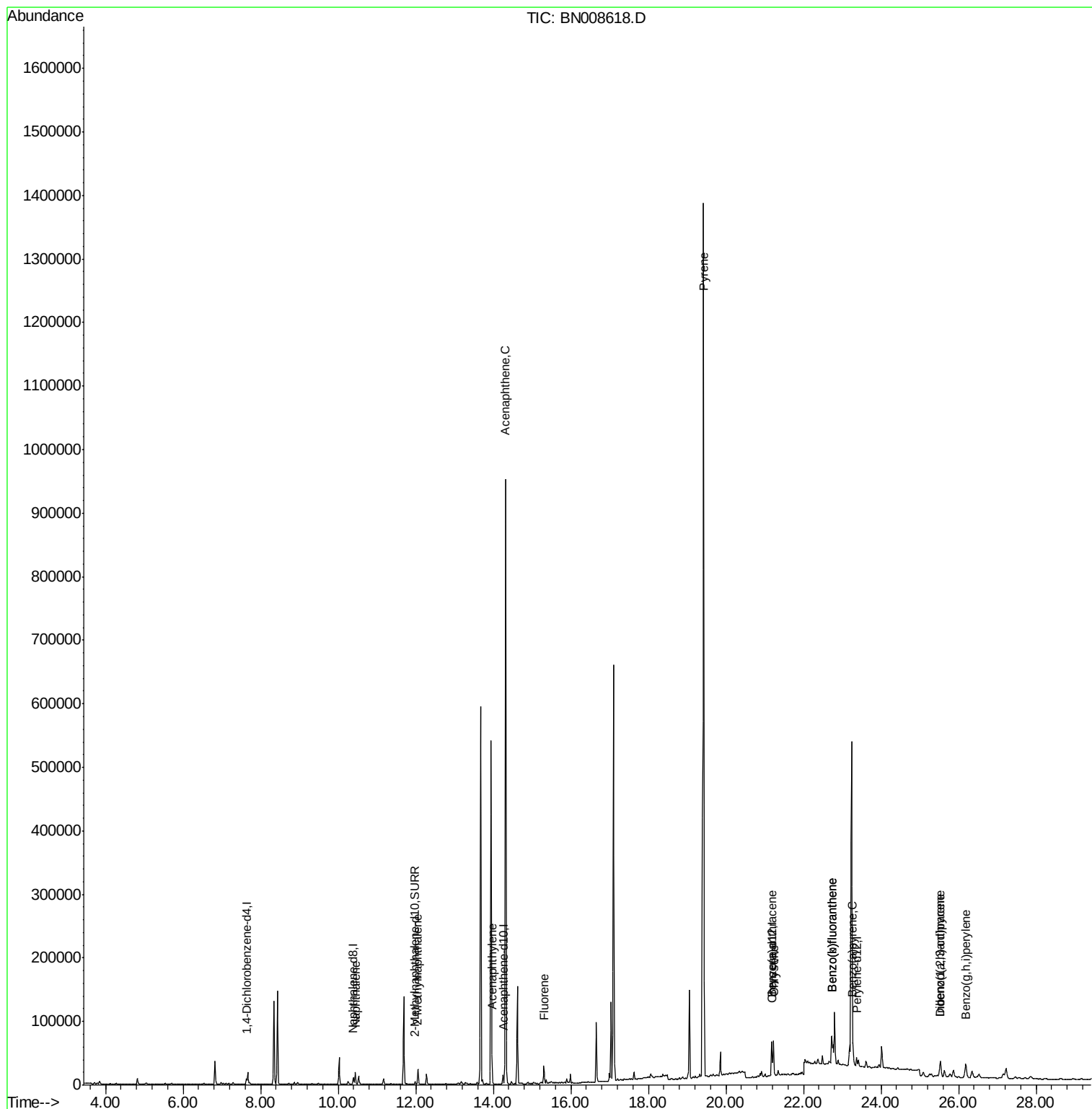
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	23281	0.585	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	16038	0.577	ng/ul	100
7) Acenaphthylene	13.97	152	6099	0.142	ng/ul#	89
8) Acenaphthene	14.32	153	541231	17.001	ng/ul	99
9) Fluorene	15.31	166	13170	0.352	ng/ul#	92
17) Pyrene	19.42	202	1146631	24.403	ng/ul	96
18) Benzo(a)anthracene	21.18	228	42474	0.902	ng/ul#	86
19) Chrysene	21.23	228	57341	1.240	ng/ul#	89
21) Benzo(b)fluoranthene	22.73	252	88424	1.733	ng/ul#	39
22) Benzo(k)fluoranthene	22.73	252	88424	1.747	ng/ul#	42
23) Benzo(a)pyrene	23.28	252	48019	1.003	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.53	276	35364	0.631	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.54	278	9189	0.203	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	40553	0.865	ng/ul#	83

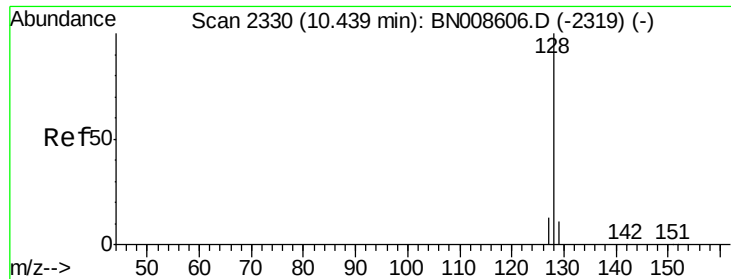
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.585 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

ClientSampleId :

JLMA1MSD

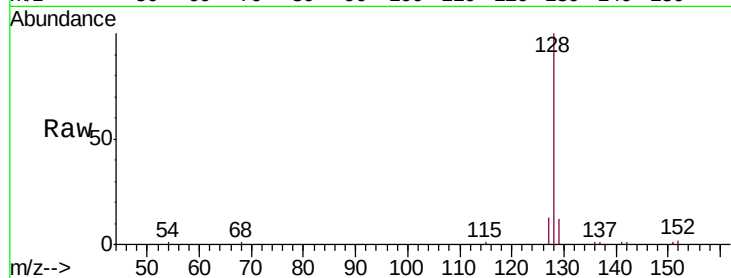
Tgt Ion:128 Resp: 23281

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

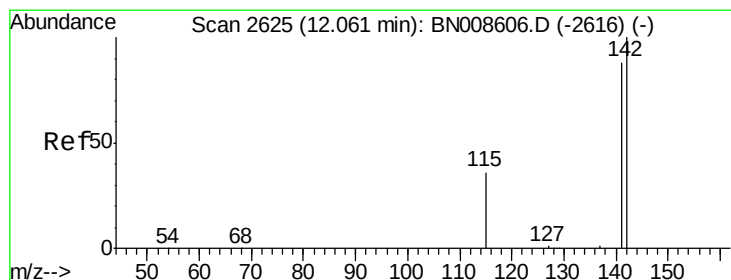
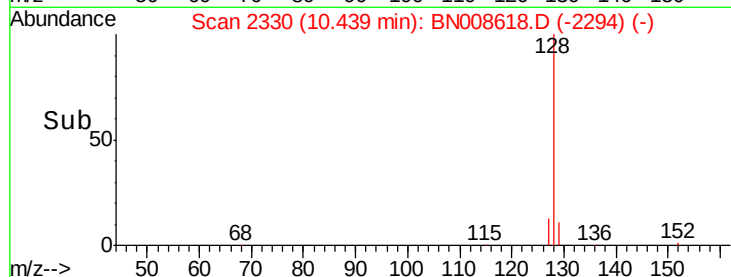
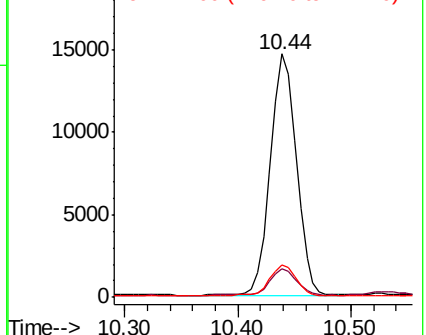
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

20000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.577 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BN008618.D

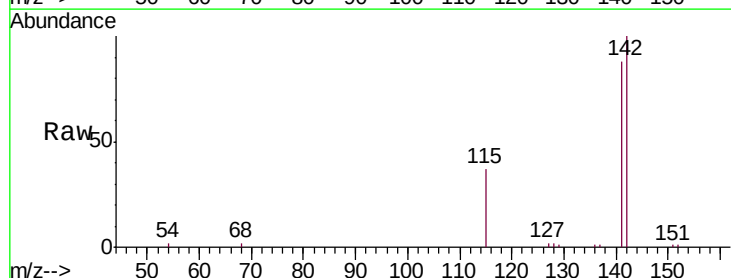
Acq: 18 Nov 2019 23:44

Tgt Ion:142 Resp: 16038

Ion Ratio Lower Upper

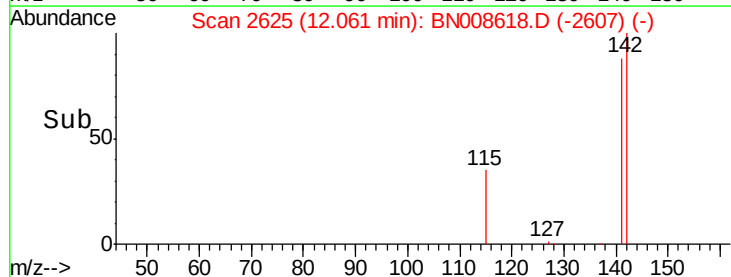
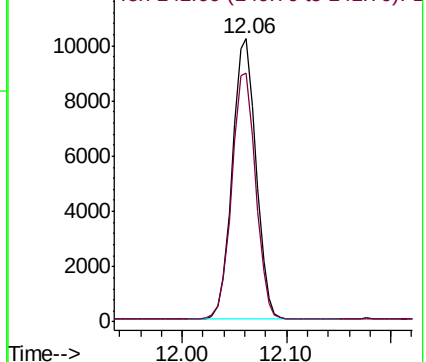
142 100

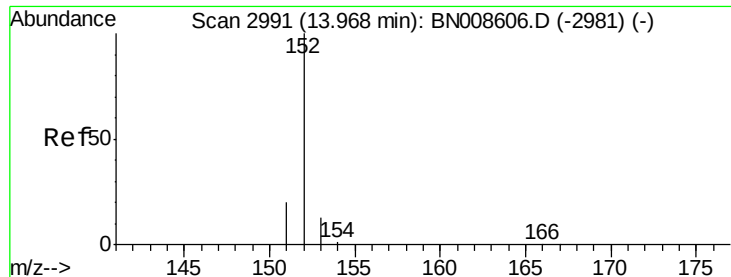
141 88.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

12000 Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.142 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

ClientSampleId :

JLMA1MSD

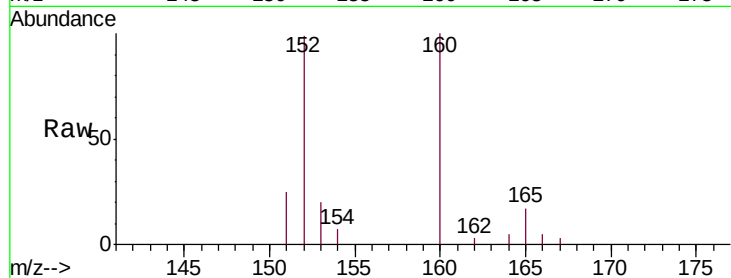
Tgt Ion:152 Resp: 6099

Ion Ratio Lower Upper

152 100

151 25.0 16.6 24.8#

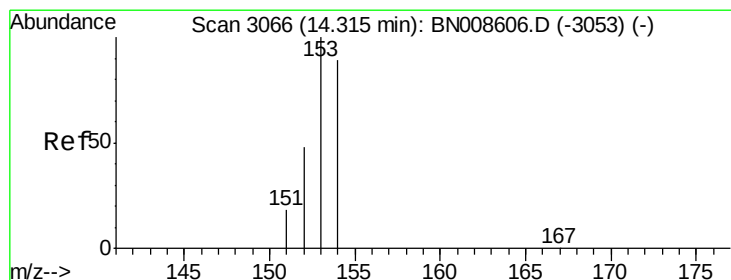
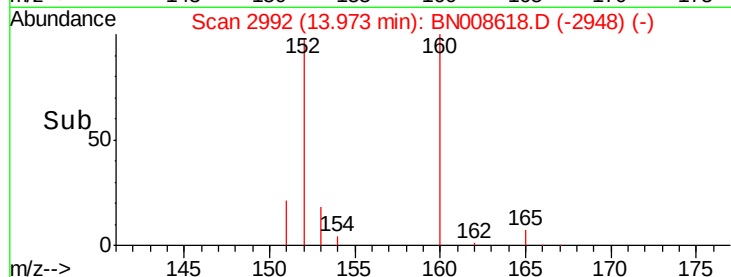
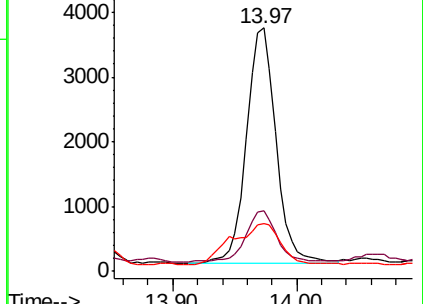
153 19.8 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 17.001 ng/ul

RT: 14.32 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

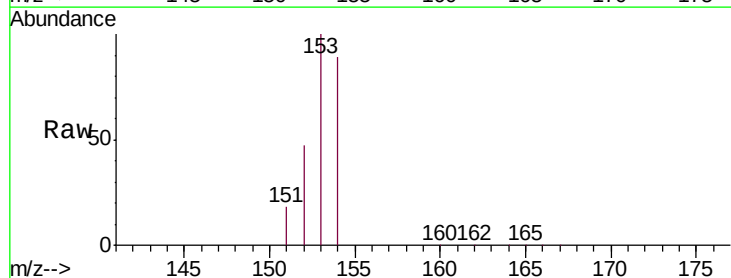
Tgt Ion:153 Resp: 541231

Ion Ratio Lower Upper

153 100

152 47.4 39.6 59.4

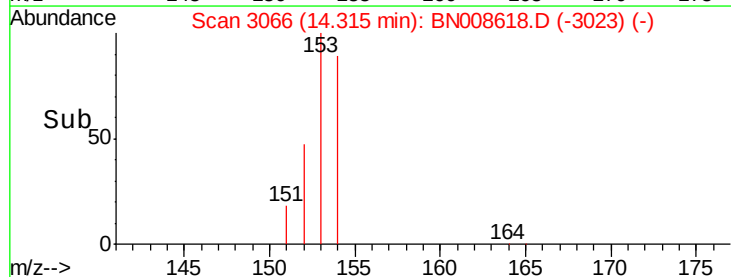
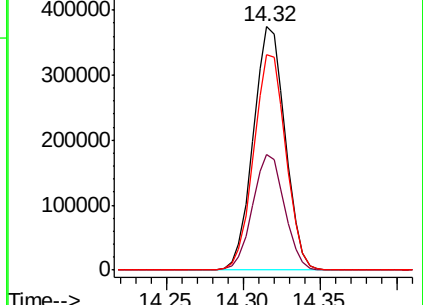
154 88.7 70.6 106.0

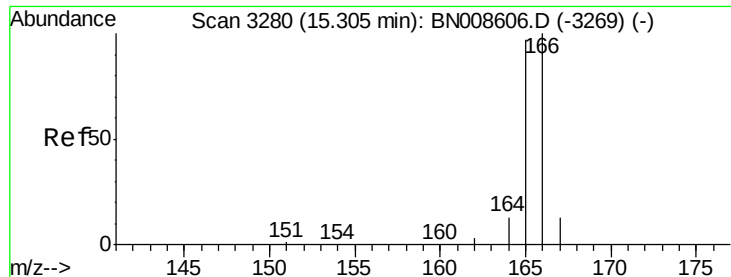


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

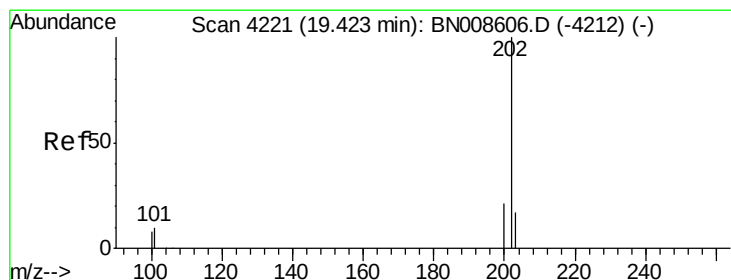
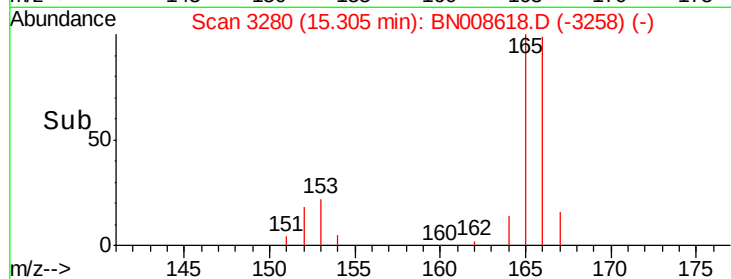
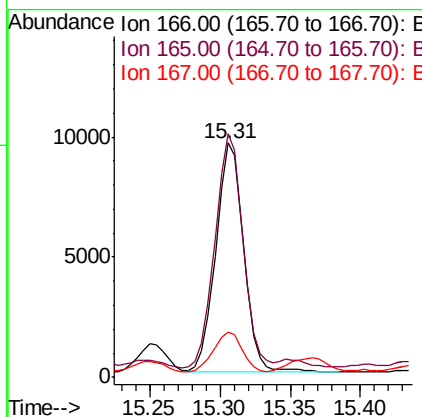
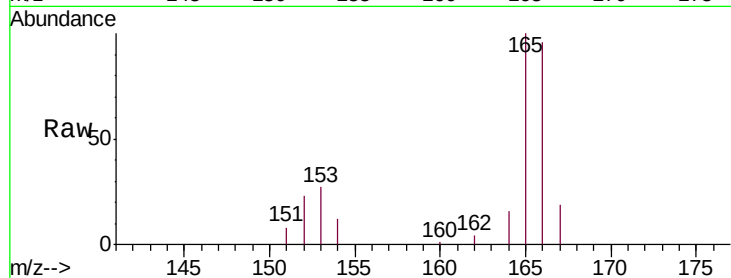




#9
Fluorene
 Concen: 0.352 ng/ul
 RT: 15.31 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BN008618.D
 Acq: 18 Nov 2019 23:44

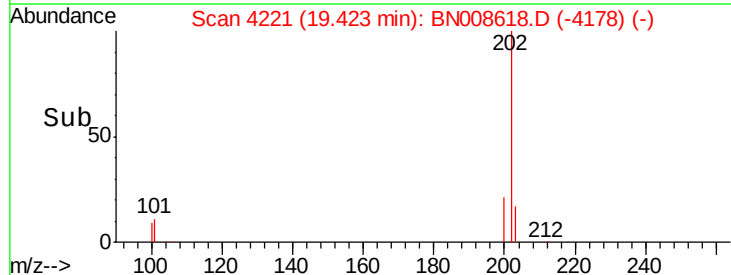
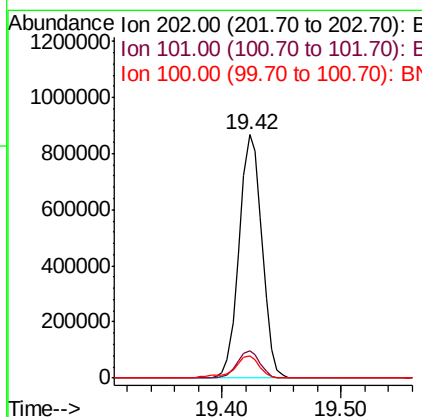
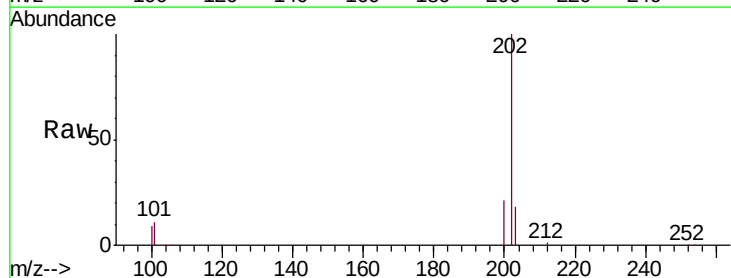
Instrument :
 BNA_N
 ClientSampleId :
 JLMA1MSD

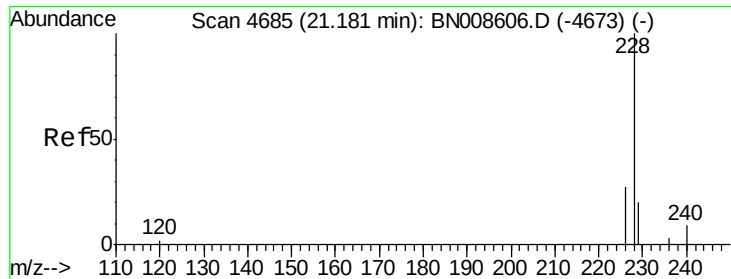
Tgt Ion:166 Resp: 13170
 Ion Ratio Lower Upper
 166 100
 165 104.0 77.4 116.0
 167 19.4 11.4 17.0#



#17
Pyrene
 Concen: 24.403 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BN008618.D
 Acq: 18 Nov 2019 23:44

Tgt Ion:202 Resp: 1146631
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.2 15.2
 100 9.0 8.2 12.2





#18

Benzo(a)anthracene

Concen: 0.902 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. -0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

ClientSampleId :

JLMA1MSD

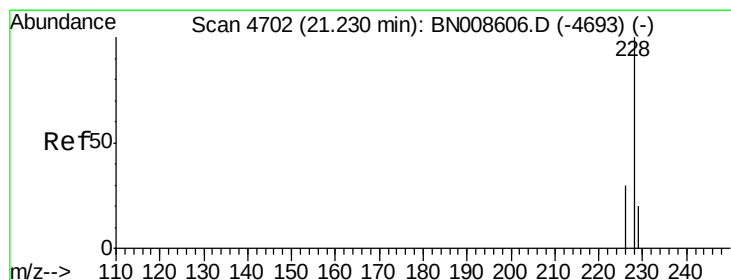
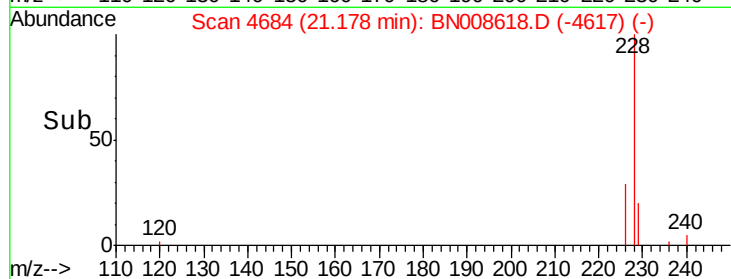
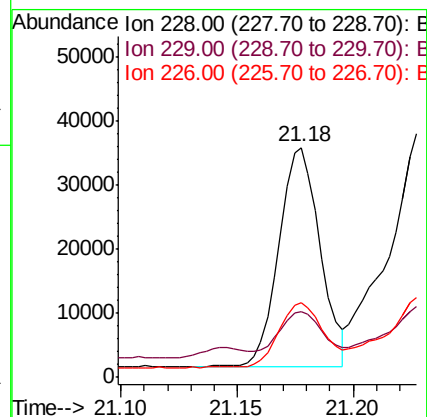
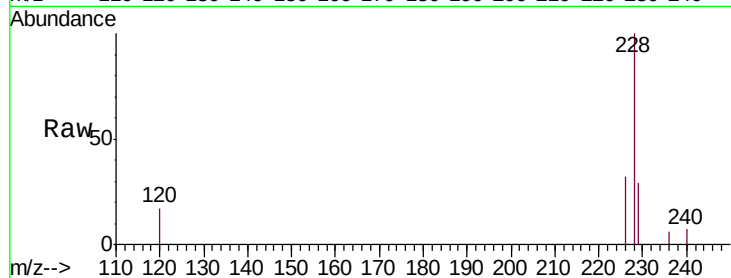
Tgt Ion:228 Resp: 42474

Ion Ratio Lower Upper

228 100

229 28.7 15.8 23.6#

226 32.3 21.6 32.4



#19

Chrysene

Concen: 1.240 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. -0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

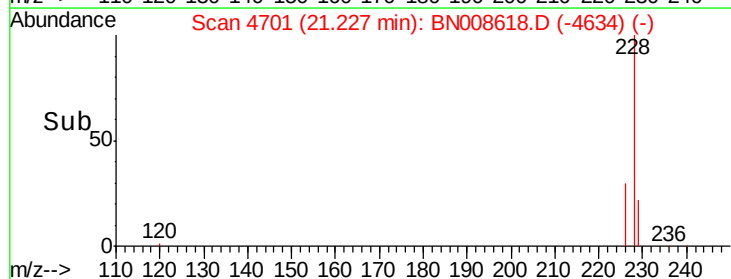
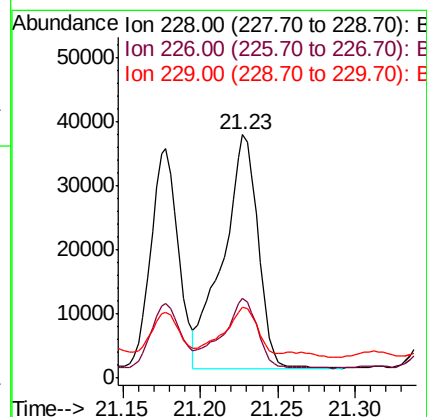
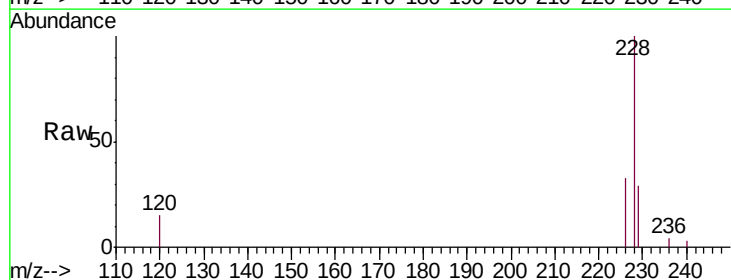
Tgt Ion:228 Resp: 57341

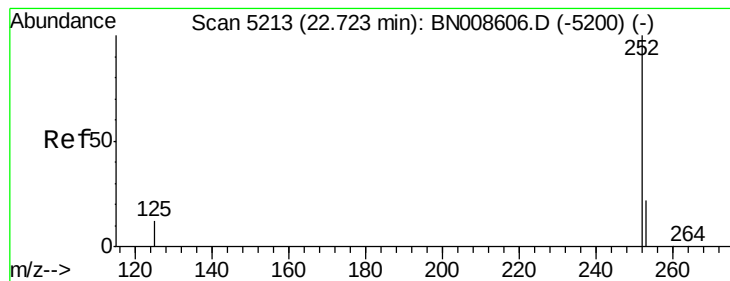
Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

229 29.1 15.5 23.3#





#21

Benzo(b)fluoranthene

Concen: 1.733 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

ClientSampleId :

JLMA1MSD

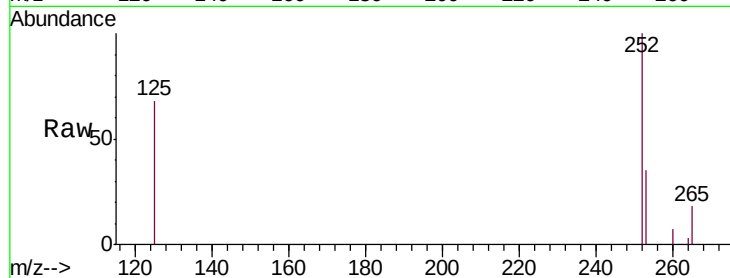
Tgt Ion:252 Resp: 88424

Ion Ratio Lower Upper

252 100

253 35.4 0.0 50.2

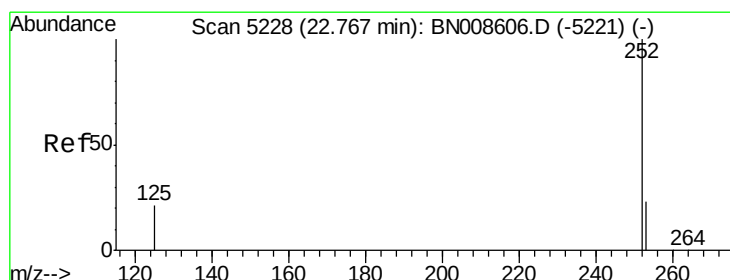
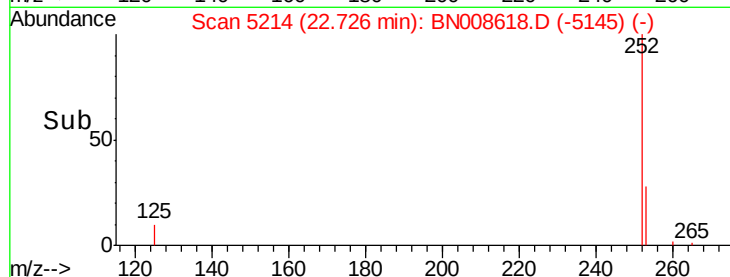
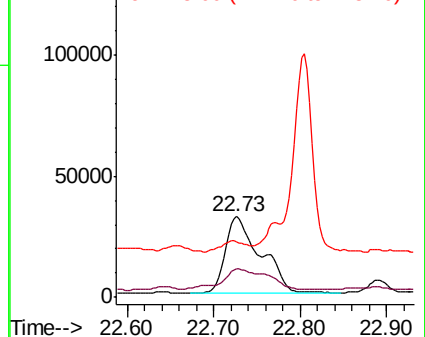
125 68.2 0.0 30.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 1.747 ng/ul

RT: 22.73 min Scan# 5214

Delta R.T. -0.04 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

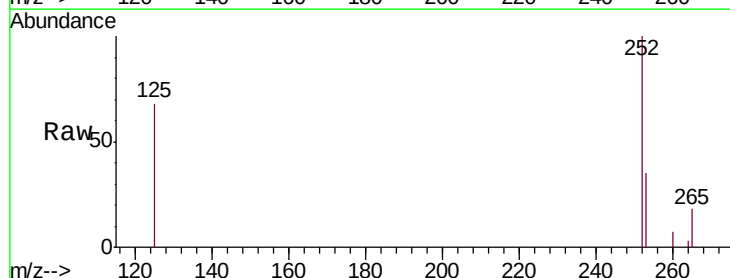
Tgt Ion:252 Resp: 88424

Ion Ratio Lower Upper

252 100

253 35.4 20.5 30.7#

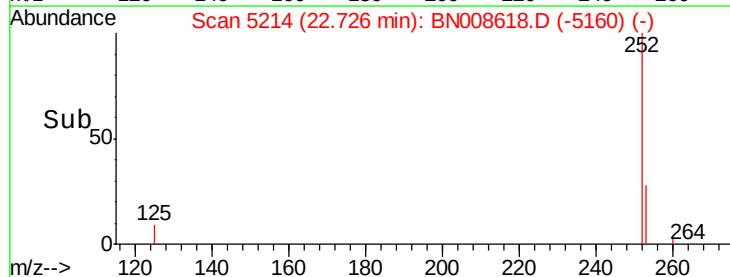
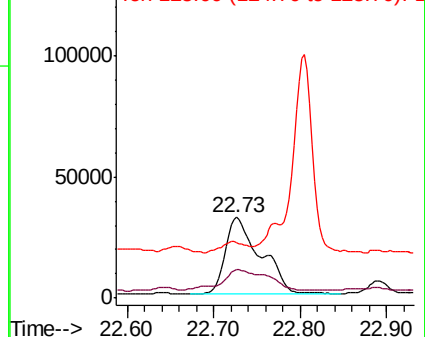
125 68.2 15.0 22.4#

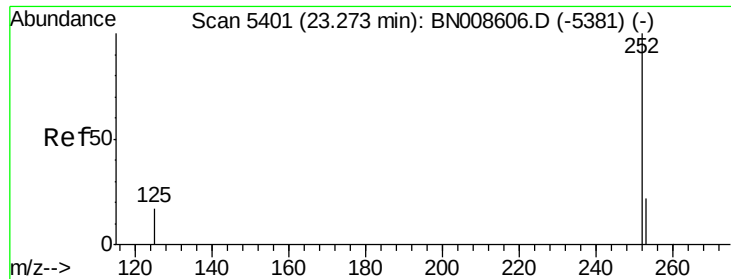


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.003 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. 0.00 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

Instrument :

BNA_N

ClientSampleId :

JLMA1MSD

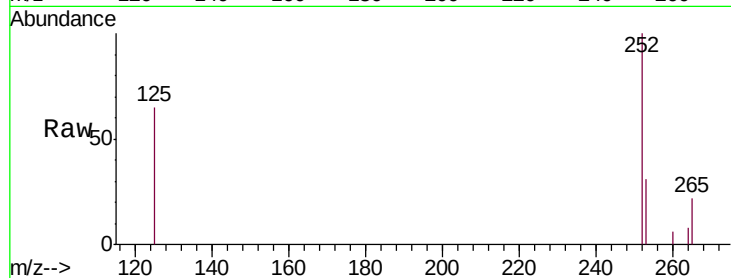
Tgt Ion:252 Resp: 48019

Ion Ratio Lower Upper

252 100

253 30.5 21.4 32.2

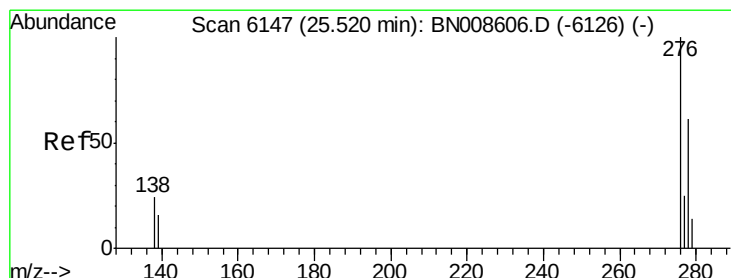
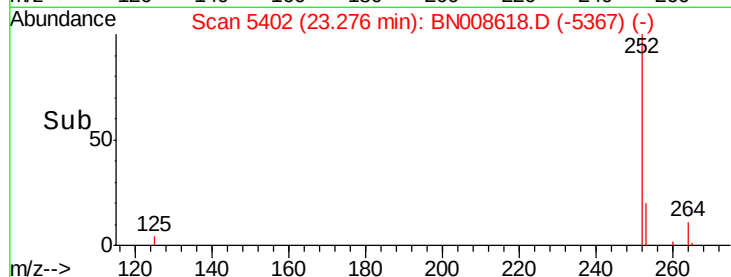
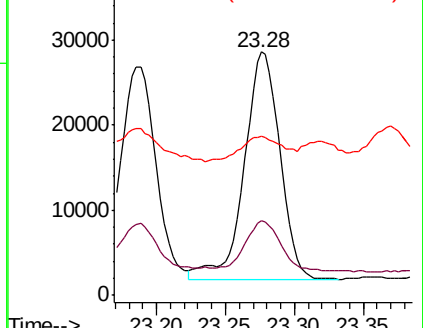
125 65.3 13.8 20.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.631 ng/ul

RT: 25.53 min Scan# 6149

Delta R.T. 0.01 min

Lab File: BN008618.D

Acq: 18 Nov 2019 23:44

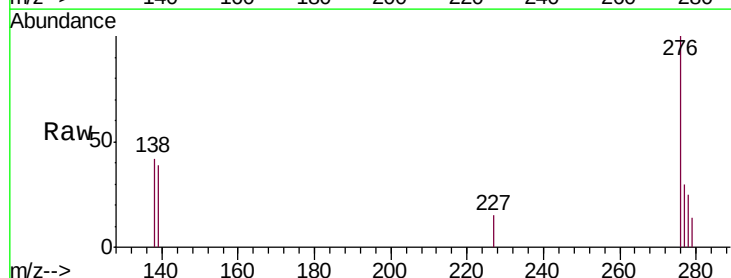
Tgt Ion:276 Resp: 35364

Ion Ratio Lower Upper

276 100

138 22.6 21.7 32.5

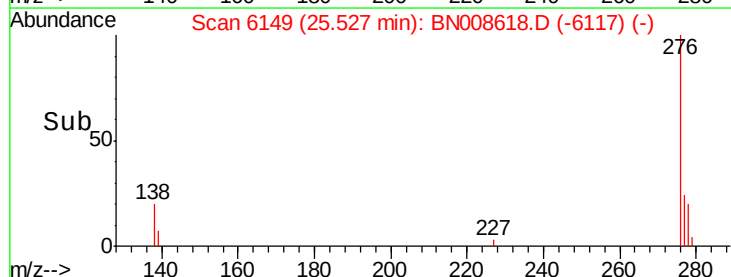
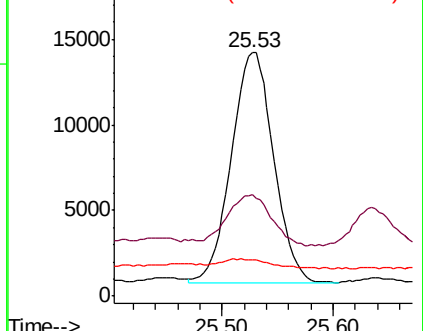
227 4.8 0.2 0.2#

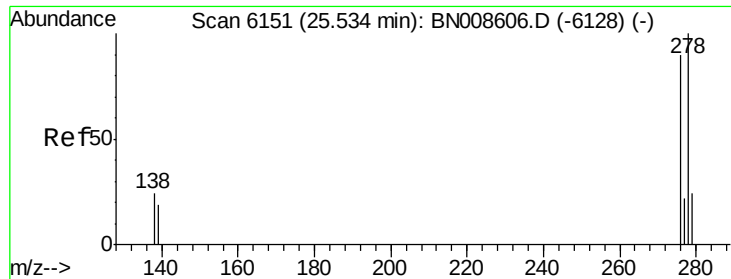


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



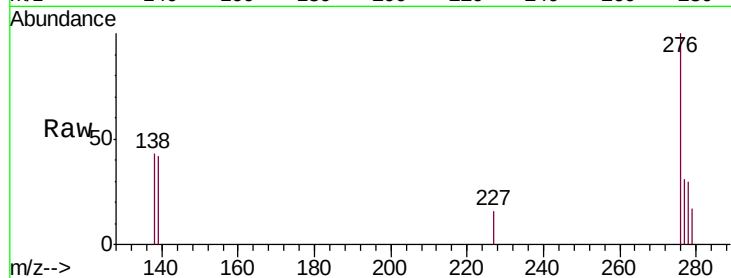


#25
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

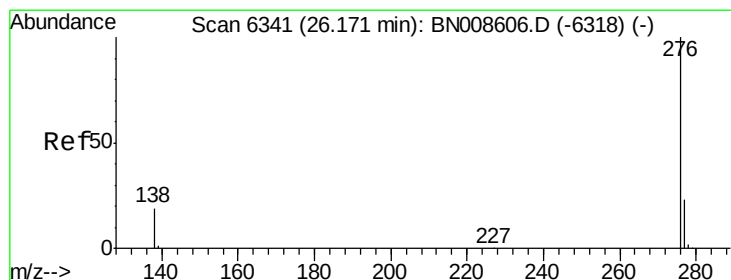
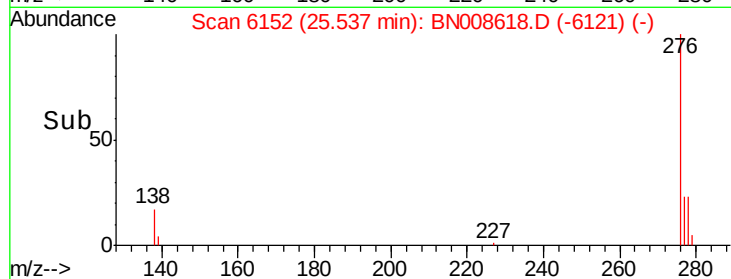
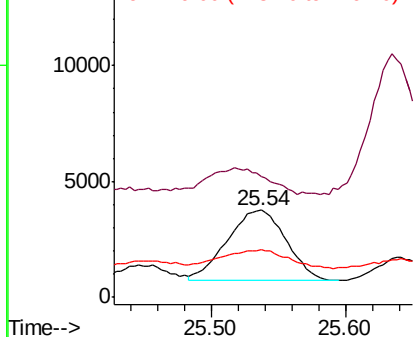
Instrument :
BNA_N
ClientSampleId :
JLMA1MSD

Tgt Ion: 278 Resp: 9189

Ion	Ratio	Lower	Upper
278	100		
139	138.5	18.7	28.1#
279	55.1	20.8	31.2#



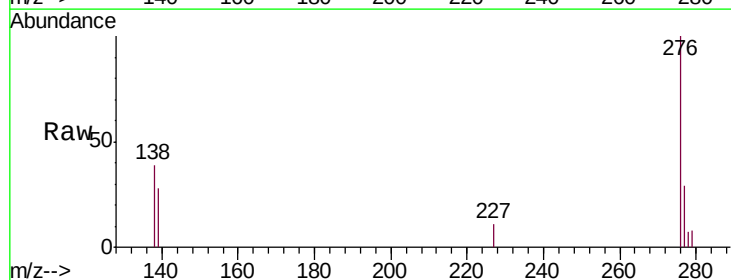
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.865 ng/ul
RT: 26.18 min Scan# 6345
Delta R.T. 0.01 min
Lab File: BN008618.D
Acq: 18 Nov 2019 23:44

Tgt Ion: 276 Resp: 40553

Ion	Ratio	Lower	Upper
276	100		
138	38.6	20.0	30.0#
277	28.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

